

## EAST Search History

| Ref # | Hits | Search Query           | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|------------------------|---|------------------|---------|------------------|
| L1    | 481  | 369/47.28.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/02/25 12:09 |
| L2    | 2134 | 369/275.3.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/02/25 12:09 |
| L3    | 2702 | 386/95.ccls.           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/02/25 12:09 |
| L4    | 481  | 369/47.28.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/02/25 12:09 |
| L5    | 206  | 386/105.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2008/02/25 12:09 |
| S1    | 1    | 10/798271.app.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/08/20 11:22 |
| S2    | 2    | ("6072759").PN.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/08 11:25 |
| S3    | 1    | S2 and (speed or rate) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/08/08 11:27 |

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|     |    |  |   |     |     |                  |
|-----|----|--|---|-----|-----|------------------|
| S4  | 58 | (recording (speed or rate)) with<br>((lead-in or lead-out) area) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08 14:13 |
| S5  | 2  | ("6894961").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/08 15:36 |
| S6  | 0  | S5 and ((data or user) area)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08 13:26 |
| S7  | 2  | ("6701063").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2007/08/08 13:26 |
| S8  | 11 | S4 and ATIP  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08 14:08 |
| S9  | 19 | ATIP with byte with bit  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08 14:13 |
| S10 | 0  | S4 with byte with bit  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08 14:13 |
| S11 | 1  | S4 with byte   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2007/08/08 14:13 |

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|-----|-----|---|---|-----|----|------------------|
| S12 | 721 | (recording (speed or rate)) with (byte or bit)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/08 14:14 |
| S13 | 234 | S12 and ((lead-in or lead-out) area)                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/08 14:14 |
| S14 | 19  | S13 and ATIP  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/08 14:14 |
| S15 | 4   | ("4807209"   "5502702"   "5835462"   "6072759").PN.     | US-PGPUB;<br>USPAT;<br>USOCR                                      | ADJ | ON | 2007/08/08 15:36 |
| S16 | 82  | maximum reproduc\$5 (speed or rate)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 11:22 |
| S17 | 15  | minimum reproduc\$5 (speed or rate)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 11:23 |
| S18 | 2   | S16 with S17  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 11:28 |
| S19 | 9   | S16 and S17   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 11:29 |
| S20 | 26  | maximum with minimum with (reproduc\$5 (speed or rate)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:11 |

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|-----|------|---|---|-----|----|------------------|
| S21 | 569  | lee-kyung-geun.in.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:11 |
| S22 | 776  | ko-jung-wan.in.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:11 |
| S23 | 267  | S21 and S22                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:11 |
| S24 | 459  | 369/47.28.ccls.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:11 |
| S25 | 825  | 369/59.25.ccls.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:11 |
| S26 | 2042 | 369/275.3.ccls.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:12 |
| S27 | 2500 | 386/95.ccls.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:12 |
| S29 | 726  | (recording (speed or rate)) with<br>(byte or bit) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:12 |

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|     |     |                                     |   |     |    |                  |
|-----|-----|-------------------------------------|---|-----|----|------------------|
| S30 | 27  | S29 and S26                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:12 |
| S31 | 145 | S29 and S27                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:12 |
| S32 | 13  | S29 and S25                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:12 |
| S33 | 8   | S29 and S24                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/08/20 13:12 |
| S34 | 83  | maximum reproduc\$5 (speed or rate) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/26 09:31 |
| S35 | 37  | S34 with (record\$5)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/17 10:47 |
| S36 | 19  | S34 with (stor\$5)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/17 09:21 |
| S37 | 72  | maximum playback (speed or rate)    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/17 11:08 |

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|-----|--------|---|---|-----|----|------------------|
| S38 | 11     | S37 with (stor\$5 or record\$5)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/17 11:08 |
| S39 | 465997 | (speed or rate) with (stor\$5 or record\$5)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/26 09:37 |
| S40 | 83     | maximum reproduc\$5 (speed or rate)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/26 09:32 |
| S41 | 75     | S39 and S40   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/26 09:38 |
| S42 | 5380   | ((reproduc\$5 or playback) (speed or rate)) with (stor\$5 or record\$5) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/26 09:38 |
| S43 | 66     | S42 and S40   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/12/26 09:38 |
| S44 | 475    | 369/47.28.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/07 10:35 |
| S45 | 853    | 369/59.25.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/07 10:35 |

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|-----|------|-----------------|---|-----|----|------------------|
| S46 | 2115 | 369/275.3.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/07 10:35 |
| S47 | 2662 | 386/95.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/07 10:35 |
| S48 | 200  | 386/105.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/01/07 10:35 |